

Stettler District Agricultural Society Lawnmower Racing Rules & Regulations

All rules should be read thoroughly as they will be enforced at all events, and subject to a technical inspection at the discretion of the Tech Inspector or Race Director. When in doubt, ask for a ruling in advance to ensure that you are not disqualified during the event.

The Stettler District Agricultural Society reserves the right to make changes to the rules for safety and for the benefit and growth of lawnmower racing.

Code of Conduct

We believe in supporting good sportsmanship and fair competition, while maintaining a common sense approach and keeping it simple and fun for everyone.

-No drugs or alcohol shall be consumed during any race event. Doing so will result in immediate disqualification from that event and continued infractions may result in being ejected from future events.

-Profanity or insulting behaviour will not be tolerated.

-Each racer is responsible for his/her guests and crew while at the race event. This includes while you are on the track.

-Tractors must remain at a minimum speed while in the pit area and starting grid area.

-All racers must register 30 minutes prior to the drivers meeting, at which time registration will be closed. Those not registered by this time will not race in that event.

-It is the responsibility of each participant to read and understand any and all rules that may apply. If you are in doubt, ask either the Tech Inspector or Race Director to avoid disqualification.

Personal Protective Equipment

The following equipment must be worn at all times when operating the racer:

CSA/DOT approved helmet, eye protection (goggles, visor, glasses), boots that cover the participants ankles recommended, long pants, and a long sleeved shirt or jacket (coveralls are recommended)

Race/Track Rules

-Lawnmowers must give right of way to larger vehicles in the pit area. Being smaller, lawn tractors are difficult to see from larger vehicles. Be aware and avoid areas where larger vehicles are driving.

-Event officials reserve the right to further split/combine classes based on entrant attendance to make competitive and entertaining racing.

- All racers are required to have and wear a tethered kill switch, except in the case of the Stock Class, in which the stock seat shut-off switch must be retained and functional. A working kill switch is required to race.
- Race line up will be determined by either an executive member or the race director. The number of heats and racers per heat will be determined on race day. Any questions may be directed to the race director at any time.
- Intentional bumping, uncontrolled ramming, and blocking will not be tolerated. It is conceded that some light tapping is part of racing, intentional infractions will be black flagged after a warning. Racers deliberately driving in a reckless manner will be disqualified from the event and may be banned from future events.
- Drivers are responsible for knowing their starting positions and heat numbers. They must stay near their mowers while waiting to line up. Failure to be present at a race grid immediately prior to your race may mean forfeiture of your position and you may not be allowed to participate in that race.
- If a mower quits during a race, the drivers first responsibility is to safely move the mower to a safe distance from the track.
- Any suspicious modifications in any class will be subject to a re-inspection at any time during the event at the discretion of the Tech Officials or Race Director.
- All decisions of Tech and Race Officials are final and anyone displaying unsportsmanlike conduct will be disqualified at the discretion of the officials.

Basic Rules

- Tethered kill switches are required on all mowers with the exception of the stock class, in which the stock seat shut-off switch must be retained and functional. A working kill switch is required to race.
- All mowers must pass a tech inspection prior to racing. Any unit considered to be dangerous will not be allowed to race until the hazards have been addressed to the satisfaction of the Tech Inspector. All mower must have safe steering, working brakes, safe tires and a kill switch.
- Batteries must be fastened securely and covered. Stock mounting is acceptable.
- Fuel tanks must be proper metal or plastic fuel tanks, mounted securely and protected. Stock tanks/mounting are acceptable.
- Sharp corners, edges, or protrusions should be removed, blunted or protected for racer safety.
- Mower decks may be retained however blades **MUST** be removed.
- Any belt, chain, or moving parts must be guarded unless covered on the underside of the tractor.
- All tractors must have a visible race number. Minimum 3" height is recommended on a contrasting background. Numbers must be from 0-999, no more than 3 digits, no letters.
- Engines:** Each class has a specific maximum horsepower rating and maximum displacement. Any allowable modifications will be stated for that class, if it does not say you can do it, it is probably not allowed. No grinding or machining of flywheels. Cooling fins and safety shields

must be intact. No diesel or liquid cooled engines in any class, with exception of the outlaw class. All mowers must have on board starting systems with the exception of the outlaw class.

Chassis: Frames, parts, etc. must retain original manufacturers specifications unless stated otherwise within a particular class. Material may be added for structural strength. Tractors must retain a lawn tractor appearance with a hood covering the engine and rear fenders. No handlebars to prevent a racer being pierced in the event of a rollover. Additional bumpers/nerf bars may be added for protection but must not pose a hazard for other racers. Tractors must have been a factory built lawn cutting tractor.

Body: Can be customized (where allowed) but must retain the appearance of a lawn tractor. All parts must be securely fastened to the chassis.

Fuel: Pump gas (maximum 96 octane) unless specified otherwise within that class.

Brakes/Clutches: Must be intact and working. If not equipped with a neutral gear, tractors must have a clutch lockout so the machine can be pushed by hand. When running centrifugal clutches, the driver must be seated on the machine to have it started or have the rear wheels securely off the ground.

Throttle: No fixed throttles unless specified otherwise within that class. Throttle must have an effective spring return and the engine must return to an idle when the throttle is released. Both foot throttles and squeeze or trigger type steering wheel mounted throttles are acceptable.

Exhaust: Open is allowed as long as it points away from the driver and poses no apparent hazard.

Tires/Wheels: Turf type lawn tractor tires only for all classes unless specified otherwise within that class. Go Kart slicks are allowed. No using fasteners to secure tires to the rim.

Classes

Stock Class

Age: Must be at least 8 years old or at the discretion of the race director

Engine: Maximum 24 hp OHV engine, restricted to a maximum of 3650 rpm (governed, no load). Absolutely **no modification** whatsoever, these mowers are intended to be exactly as they came from the original manufacturer. Engine kill switch is required, stock seat engine shut off switch may be used but this is the **ONLY** class in which that is acceptable.

Drivetrain: No modification allowed. No gear or pulley swaps, no centrifugal clutches. Mowers must retain a completely stock drivetrain.

Chassis: No modification allowed, must be a stock lawnmower by original manufacturers specifications.

Tires/Wheels: Must retain factory wheels and tires or an equivalent to those supplied from original manufacturer.

Modified Stock Class

Age: Must be at least 12 years of age or at the discretion of the race director.

Engine: Maximum 24 hp OHV engine, restricted to a maximum of 3650 rpm (governed, no load). **Absolutely no modification** whatsoever, these mowers are intended to be exactly as they came from the original manufacturer. Engine kill switch is required.

Drivetrain: Tractors must utilize a shift able transmission or transaxle of the lawnmower type. Locking transaxle/differential allowed. **Driveline pulleys and sprockets may be changed.** Gear boxes must not have any gears removed. Reverse chain may be removed for safety reasons. All moving chains/belts not covered by the underside of the tractor must have guards in place.

Chassis: **No modification allowed**, must be a stock lawnmower by original manufacturers specifications.

Tires/Wheels: Must retain factory wheels and tires or an equivalent to those supplied from original manufacturer.

Modified Class

Age: Must be at least 12 years of age or at the discretion of the race director.

Engine: All engines must be vertical or horizontal shaft, lawnmower type engines to a maximum of 24 hp. Must be air cooled, gasoline powered engines running on pump gas no higher than 96 octane. Internal modifications are allowed in this class. Balancing, blueprinting, porting, polishing etc. are allowed. Governors may be removed. Custom/ open air filters are allowed. External fuel pumps are allowed.

Drivetrain: Tractors must utilize a shift able transmission or transaxle of the lawnmower type or RAGB (right angle gear box). Locking transaxle/differential allowed. Driveline pulleys and sprockets may be changed. Gear boxes must not have any gears removed. Reverse chain may be removed for safety reasons. All moving chains/belts not covered by the underside of the tractor must have guards in place.

Chassis: Frame and axles may be modified as long as it is an original lawnmower chassis, no custom built tube frames. Extra reinforcement may be added to the frame for structural strength. No suspension may be added. Bumpers and nerf bars may also be added.

Wheels/Tires: Must be steel or aluminum rims. Turf type tires, Kart tires and ATV tires are acceptable. If using an aggressive ATV tire rear bumpers are required to prevent other drivers from running up on them (Tech Directors discretion to ensure safety)

Outlaw Class

Age: Racers must be a minimum 16 years old, or at the discretion of the race director. It is recommended that you have previous experience to race in the outlaw class. Racers may be asked to prove that they are capable of handling their machine.

Engine: Open- ATV, motorcycle, snowmobile, etc. are all allowed. (No automotive engines) Internal and external modifications allowed for all engines. Modification to block and heads are open. Ignition is open. High octane fuel is allowed. If electric fuel pumps are used they must be killed with the tether switch in addition to on/off switches.

Drive Train: Is open to live axle, belt or chain drive, custom gear boxes or transaxles. Centrifugal clutches are allowed. Where drivetrain may be hazardous, guards must be installed and must be a minimum 1/8" aluminum or steel. No all wheel or 4 wheel drive machines allowed.

Chassis: Frame and axles may be modified. Fabricated frames are allowed provided they pass a tech inspection and are deemed safe. Direct steering is mandatory. Steering wheels must be circular in design (no handlebars) and plastic steering wheels will not be allowed unless it is the type that is reinforced with steel. Brakes must be located on the rear axle and hydraulic brakes are recommended. Bumpers and nerf bars are recommended.

Wheels/Tires: Open; ATV tires, turf tires, automotive tires, tractor tread type tires, etc. are all allowed.